

Introduction

This section presents selected findings by region and is intended to provide an easy reference for determining how each region compares to the County overall on the health issues presented. For more detailed information, refer to the Health Issue Briefs and/or the detailed data tables in the Appendix.

Health Issues by Geographic Region

The County of San Diego HHSa has divided the county into six geographic service regions, as shown in the following table. These six areas are based on groupings of postal ZIP codes. The communities listed under each region fall approximately within the listed region.

San Diego County Service Regions		
<p><u>CENTRAL REGION</u> Central San Diego Mid-city Southeast San Diego</p> <p><u>NORTH CENTRAL REGION</u> Coastal Elliot Navajo Kearny Mesa Mira Mesa Miramar Peninsula University</p> <p><u>SOUTH REGION</u> Chula Vista Coronado National City South Bay Sweetwater</p>	<p><u>NORTH COASTAL REGION</u> Carlsbad Del Mar Oceanside Pendleton San Dieguito Vista</p> <p><u>EAST REGION</u> Alpine El Cajon Harbison Crest Jamul La Mesa Laguna/Pine Valley Lakeside Lemon Grove Mountain Empire Santee Spring Valley</p>	<p><u>NORTH INLAND REGION</u> Escondido Fallbrook North San Diego Palomar/Julian Borrego Springs Pauma Poway Ramona San Marcos Valley Center</p>

Central Region

The following tables present select health issues in the Central region and compare the rates for each issue to overall County rates.

San Diego County 2002 Top 10 Causes of Mortality (Death rate per 100,000 age-adjusted population)		
Cause of Mortality	Rates	
	Central Region	All Regions
Diseases of heart	244.7	201.9
Malignant neoplasms (cancer, all)	199.7	175.7
Cerebrovascular diseases (stroke)	64.3	55.7
Chronic lower respiratory diseases (COPD)	35.9	38.6
Unintentional injury	35.1	27.4
Alzheimer's disease	32.1	34.6
Diabetes	28.0	18.2
Influenza and pneumonia	22.1	20.6
Drug induced deaths	18.1	10.1
Poisoning	17.9	9.7

San Diego County 2002 Top 10 Causes of Hospitalization (Hospitalization rate per 100,000 age-adjusted population)		
Cause of Hospitalization	Rates	
	Central Region	All Regions
Unintentional injury (nonfatal)	784.4	666.2
Diabetes	196.9	111.8
Asthma	151.7	85.6
Poisoning (nonfatal)	120.5	77.9
Motor vehicle injury (nonfatal)	106.5	92.9
Head injury	87.1	72.1
Hip fracture	86.3	107.3
Pedestrian injury	28.7	13.8
Firearm-related	10.4	5.5
Spinal cord injury	4.2	4.3

Excluding obstetrics and newborns

San Diego County 2002 Maternal and Child Health Issues Percentages and Rates		
Maternal and Child Health Issues	Percentages/Rates	
	Central Region	All Regions
Fertility rate *	69.5	67.7
Birth rate ***	16.7	15.1
Late or no prenatal care (live births)	3.9%	2.7%
First trimester prenatal care (live births)	83.7%	86.8%
Births to girls aged 15-19 years ***	56.9	37.4
Low birth weight (under 2500 grams)	6.5%	6.1%
Very low birth weight (under 1500 grams)	1.3%	1.1%
Preterm births	12.6%	10.6%
Fetal mortality ^	5.4	4.7
Infant mortality ^^	6.0	4.5

*Rates are number of live births per 1,000 females aged 15-44

** Rates are number of live births per 1,000 total population

***Rates for births per 1000 female population ages 15-19

^ Rates are number of fetal death per 1,000 live births plus fetal deaths

^^ Rates are number of deaths of infants under one of age per 1,000 live births

San Diego County 2002 Rates of Other Health Issues		
Health Issues	Rates	
	Central Region	All Regions
Overall AIDS cases*	45.3	15.0
Chlamydia among teens age 15-19**	2,161.1	1,272.6

**Crude rate per 100,000 population*

***Rates per 100,000 population ages 15 to 19 years*

San Diego County 2003 Percentages of Access to Health Care Issues		
Access Issues	Percentages	
	Central Region	All Regions
Medical insurance coverage (All adults)	72%	84%
Medical insurance coverage (Adults ages 19 to 64)	69%	81%
Medical insurance coverage (Children)	82%	89%
Dental insurance coverage (All adults)	53%	61%
Dental insurance coverage (Children)	67%	74%
Currently have primary care physician (Adult)	71%	79%
Currently have primary care physician (Children)	78%	86%
Currently have dental care provider (Adult)	68%	75%
Currently have dental care provider (Children)	69%	76%

East Region

The following tables present select health issues in the East region and compare the rates for each issue to overall County rates.

San Diego County 2002 Top 10 Causes of Mortality (Death rates per 100,000 age-adjusted population)		
Cause of Mortality	Rates	
	East Region	All Regions
Diseases of heart	245.7	201.9
Malignant neoplasms (cancer, all)	191.7	175.7
Cerebrovascular diseases (stroke)	58.6	55.7
Chronic lower respiratory diseases (COPD)	49.0	38.6
Alzheimer's disease	37.7	34.6
Unintentional injury	25.8	27.4
Influenza and pneumonia	25.1	20.6
Diabetes	22.4	18.2
Suicide	12.4	10.8
Chronic liver disease and cirrhosis	11.5	11.2

San Diego County 2002 Top 10 Causes of Hospitalization (Hospitalization rate per 100,000 age-adjusted population)		
Cause of Hospitalization	Rates	
	East Region	All Regions
Unintentional injury	796.5	666.2
Diabetes	134.7	111.8
Motor vehicle injury	120.9	92.9
Hip fractures	109.1	107.3
Poisoning	104.4	77.9
Asthma	93.7	85.6
Head injury	70.3	72.1
Pedestrian injury	12.8	13.8
Firearm related injury	6.3	5.5
Spinal cord injury	4.6	4.3

Excluding obstetrics and newborns

San Diego County 2002 Maternal and Child Health Issues Percentages and Rates		
Maternal and Child Health Issues	Percentages/Rates	
	East Region	All Regions
Fertility rate *	60.8	67.7
Birth rate ***	13.4	15.1
Late or no prenatal care (live births)	2.6%	2.7%
First trimester prenatal care (live births)	89.2%	86.8%
Births to girls aged 15-19 years ***	32.6	37.4
Low birth weight (under 2500 grams)	6.7%	6.1%
Very low birth weight (under 1500 grams)	1.2%	1.1%
Preterm births	12.1%	10.6%
Fetal mortality ^	5.7	4.7
Infant mortality ^^	7.3	4.5

*Rates are number of live births per 1,000 females aged 15-44

** Rates are number of live births per 1,000 total population

***Rates for births per 1000 female population ages 15-19

^ Rates are number of fetal death per 1,000 live births plus fetal deaths

^^ Rates are number of deaths of infants under one of age per 1,000 live births

San Diego County 2002 Rates of Other Health Issues		
Health Issues	Rates	
	East Region	All Regions
Overall AIDS cases*	5.5	15.0
Chlamydia among teens age 15-19**	1,557.9	1,272.6

**Crude rate per 100,000 population*

***Rates per 100,000 population ages 15 to 19 years*

San Diego County 2003 Percentages of Access to Health Care Issues		
Access Issues	Percentages	
	East Region	All Regions
Medical insurance coverage (All adults)	86%	84%
Medical insurance coverage (Adults ages 19 to 64)	83%	81%
Medical insurance coverage (Children)	89%	89%
Dental insurance coverage (All adults)	60%	61%
Dental insurance coverage (Children)	74%	74%
Currently have primary care physician (Adult)	83%	79%
Currently have primary care physician (Children)	87%	86%
Currently have dental care provider (Adult)	73%	75%
Currently have dental care provider (Children)	77%	76%

South Region

The following tables present select health issues in the South region and compare the rates for each issue to overall County rates.

San Diego County 2002 Top 10 Causes of Mortality (Death rates per 100,000 age-adjusted population)		
Cause of Mortality	Rates	
	South Region	All Regions
Diseases of heart	234.6	201.9
Malignant neoplasms (cancer, all)	163.8	175.7
Cerebrovascular diseases (stroke)	55.6	55.7
Chronic lower respiratory diseases (COPD)	32.8	38.6
Unintentional injury	29.7	27.4
Alzheimer's disease	23.5	34.6
Diabetes	21.3	18.2
Influenza and pneumonia	19.2	20.6
Chronic liver disease and cirrhosis	12.4	11.2
Motor vehicle accident	11.0	10.7

San Diego County 2002 Top 10 Causes of Hospitalization (Hospitalization rate per 100,000 age-adjusted population)		
Cause of Hospitalization	Rates	
	South Region	All Regions
Unintentional injury	664.5	666.2
Diabetes	166.0	111.8
Hip fractures	106.6	107.3
Motor vehicle injury	99.6	92.9
Asthma	94.3	85.6
Poisoning	76.7	77.9
Head injury	71.4	72.1
Pedestrian injury	13.3	13.8
Firearm related injury	6.5	5.5
Spinal cord injury	3.0	4.3

Excluding obstetrics and newborns

San Diego County 2002 Maternal and Child Health Issues Percentages and Rates		
Maternal and Child Health Issues	Percentages/Rates	
	South Region	All Regions
Fertility rate *	86.3	67.7
Birth rate ***	19.3	15.1
Late or no prenatal care (live births)	3.2%	2.7%
First trimester prenatal care (live births)	85.7%	86.8%
Births to girls aged 15-19 years ***	49.4	37.4
Low birth weight (under 2500 grams)	5.6%	6.1%
Very low birth weight (under 1500 grams)	1.0%	1.1%
Preterm births	9.8%	10.6%
Fetal mortality ^	4.9	4.7
Infant mortality ^^	3.9	4.5

*Rates are number of live births per 1,000 females aged 15-44

** Rates are number of live births per 1,000 total population

***Rates for births per 1000 female population ages 15-19

^ Rates are number of fetal death per 1,000 live births plus fetal deaths

^^ Rates are number of deaths of infants under one of age per 1,000 live births

San Diego County 2002 Rates of Other Health Issues		
Health Issues	Rates	
	South Region	All Regions
Overall AIDS cases*	19.8	15.0
Chlamydia among teens age 15-19**	1,371.3	1,272.6

**Crude rate per 100,000 population*

***Rates per 100,000 population ages 15 to 19 years*

San Diego County 2003 Percentages of Access to Health Care Issues		
Access Issues	Percentages	
	South Region	All Regions
Medical insurance coverage (All adults)	81%	84%
Medical insurance coverage (Adults ages 19 to 64)	79%	81%
Medical insurance coverage (Children)	86%	89%
Dental insurance coverage (All adults)	56%	61%
Dental insurance coverage (Children)	75%	74%
Currently have primary care physician (Adult)	79%	79%
Currently have primary care physician (Children)	85%	86%
Currently have dental care provider (Adult)	74%	75%
Currently have dental care provider (Children)	81%	76%

North Coastal Region

The following tables present select health issues in the North Coastal region and compare the rates for each issue to overall County rates.

San Diego County		
2002 Top 10 Causes of Mortality		
<i>(Death rates per 100,000 age-adjusted population)</i>		
Cause of Mortality	Rates	
	North Coastal Region	All Regions
Diseases of heart	179.8	201.9
Malignant neoplasms (cancer, all)	166.8	175.7
Cerebrovascular diseases (stroke)	53.4	55.7
Alzheimer's disease	42.8	34.6
Chronic lower respiratory diseases (COPD)	39.9	38.6
Unintentional injury	24.1	27.4
Diabetes	17.1	18.2
Influenza and pneumonia	16.0	20.6
Motor vehicle accident	11.2	10.7
Suicide	9.8	10.8

San Diego County		
2002 Top 10 Causes of Hospitalization		
<i>(Hospitalization rate per 100,000 age-adjusted population)</i>		
Cause of Hospitalization	Rates	
	North Coastal Region	All Regions
Unintentional injury	561.3	666.2
Hip fractures	103.1	107.3
Motor vehicle injury	73.4	92.9
Diabetes	68.4	111.8
Head injury	67.1	72.1
Asthma	54.7	85.6
Poisoning	53.7	77.9
Pedestrian injury	9.7	13.8
Firearm related injury	4.5	5.5
Spinal cord injury	4.5	4.3

Excluding obstetrics and newborns

San Diego County		
2002 Maternal and Child Health Issues Percentages and Rates		
Maternal and Child Health Issues	Percentages/Rates	
	North Coastal Region	All Regions
Fertility rate *	72.4	67.7
Birth rate ***	15.3	15.1
Late or no prenatal care (live births)	2.5%	2.7%
First trimester prenatal care (live births)	85.3%	86.8%
Births to girls aged 15-19 years ***	38.2	37.4
Low birth weight (under 2500 grams)	6.1%	6.1%
Very low birth weight (under 1500 grams)	1.0%	1.1%
Preterm births	10.7%	10.6%
Fetal mortality ^	4.9	4.7
Infant mortality ^^	4.0	4.5

*Rates are number of live births per 1,000 females aged 15-44

** Rates are number of live births per 1,000 total population

***Rates for births per 1000 female population ages 15-19

^ Rates are number of fetal death per 1,000 live births plus fetal deaths

^^ Rates are number of deaths of infants under one of age per 1,000 live births

San Diego County 2002 Rates of Other Health Issues		
Health Issues	Rates	
	North Coastal Region	All Regions
Overall AIDS cases*	5.6	15.0
Chlamydia among teens age 15-19**	982.4	1,272.6

**Crude rate per 100,000 population*

***Rates per 100,000 population ages 15 to 19 years*

San Diego County 2003 Percentages of Access to Health Care Issues		
Access Issues	Percentages	
	North Coastal Region	All Regions
Medical insurance coverage (All adults)	86%	84%
Medical insurance coverage (Adults ages 19 to 64)	84%	81%
Medical insurance coverage (Children)	92%	89%
Dental insurance coverage (All adults)	65%	61%
Dental insurance coverage (Children)	76%	74%
Currently have primary care physician (Adult)	79%	79%
Currently have primary care physician (Children)	88%	86%
Currently have dental care provider (Adult)	78%	75%
Currently have dental care provider (Children)	75%	76%

North Central Region

The following tables present select health issues in the North Central region and compare the rates for each issue to overall County rates.

San Diego County		
2002 Top 10 Causes of Mortality		
<i>(Death rates per 100,000 age-adjusted population)</i>		
Cause of Mortality	Rates	
	North Central Region	All Regions
Diseases of heart	170.4	201.9
Malignant neoplasms (cancer, all)	170.1	175.7
Cerebrovascular diseases (stroke)	48.7	55.7
Chronic lower respiratory diseases (COPD)	34.1	38.6
Alzheimer's disease	28.6	34.6
Influenza and pneumonia	23.7	20.6
Unintentional injury	20.4	27.4
Diabetes	11.0	18.2
Chronic liver disease and cirrhosis	10.8	11.2
Suicide	8.6	10.8

San Diego County		
2002 Top 10 Causes of Hospitalization		
<i>(Hospitalization rate per 100,000 age-adjusted population)</i>		
Cause of Hospitalization	Rates	
	North Central Region	All Regions
Unintentional injury	604.2	666.2
Hip fractures	103.0	107.3
Motor vehicle injury	70.5	92.9
Diabetes	69.1	111.8
Head injury	67.8	72.1
Asthma	64.2	85.6
Poisoning	58.7	77.9
Pedestrian injury	12.1	13.8
Spinal cord injury	3.7	4.3
Firearm related injury	2.8	5.5

Excluding obstetrics and newborns

San Diego County		
2002 Maternal and Child Health Issues Percentages and Rates		
Maternal and Child Health Issues	Percentages/Rates	
	North Central Region	All Regions
Fertility rate *	51.2	67.7
Birth rate ***	12.0	15.1
Late or no prenatal care (live births)	1.6%	2.7%
First trimester prenatal care (live births)	92.0%	86.8%
Births to girls aged 15-19 years ***	13.5	37.4
Low birth weight (under 2500 grams)	5.9%	6.1%
Very low birth weight (under 1500 grams)	1.1%	1.1%
Preterm births	9.2%	10.6%
Fetal mortality ^	2.7	4.7
Infant mortality ^^	3.0	4.5

*Rates are number of live births per 1,000 females aged 15-44

** Rates are number of live births per 1,000 total population

***Rates for births per 1000 female population ages 15-19

^ Rates are number of fetal death per 1,000 live births plus fetal deaths

^^ Rates are number of deaths of infants under one of age per 1,000 live births

San Diego County 2002 Rates of Other Health Issues		
Health Issues	Rates	
	North Central Region	All Regions
Overall AIDS cases*	9.7	15.0
Chlamydia among teens age 15-19**	901.1	1,272.6

**Crude rate per 100,000 population*

***Rates per 100,000 population ages 15 to 19 years*

San Diego County 2003 Percentages of Access to Health Care Issues		
Access Issues	Percentages	
	North Central Region	All Regions
Medical insurance coverage (All adults)	91%	84%
Medical insurance coverage (Adults ages 19 to 64)	89%	81%
Medical insurance coverage (Children)	94%	89%
Dental insurance coverage (All adults)	64%	61%
Dental insurance coverage (Children)	76%	74%
Currently have primary care physician (Adult)	84%	79%
Currently have primary care physician (Children)	92%	86%
Currently have dental care provider (Adult)	78%	75%
Currently have dental care provider (Children)	78%	76%

North Inland Region

The following tables present select health issues in the North Inland region and compare the rates for each issue to overall County rates.

San Diego County		
2002 Top 10 Causes of Mortality		
<i>(Death rates per 100,000 age-adjusted population)</i>		
Cause of Mortality	Rates	
	North Inland Region	All Regions
Diseases of heart	166.7	201.9
Malignant neoplasms (cancer, all)	165.9	175.7
Cerebrovascular diseases (stroke)	55.5	55.7
Chronic lower respiratory diseases (COPD)	38.2	38.6
Alzheimer's disease	37.9	34.6
Unintentional injury	27.5	27.4
Influenza and pneumonia	25.7	20.6
Diabetes	14.5	18.2
Motor vehicle accident	13.5	10.7
Suicide	10.7	10.8

San Diego County		
2002 Top 10 Causes of Hospitalization		
<i>(Hospitalization rate per 100,000 age-adjusted population)</i>		
Cause of Hospitalization	Rates	
	North Inland Region	All Regions
Unintentional injury	635.1	666.2
Hip fractures	128.1	107.3
Motor vehicle injury	96.6	92.9
Diabetes	78.3	111.8
Head injury	73.1	72.1
Asthma	67.4	85.6
Poisoning	63.0	77.9
Pedestrian injury	8.6	13.8
Spinal cord injury	5.6	4.3
Firearm related injury	2.4	5.5

Excluding obstetrics and newborns

San Diego County		
2002 Maternal and Child Health Issues Percentages and Rates		
Maternal and Child Health Issues	Percentages/Rates	
	North Inland Region	All Regions
Fertility rate *	70.2	67.7
Birth rate ***	14.7	15.1
Late or no prenatal care (live births)	2.0%	2.7%
First trimester prenatal care (live births)	86.0%	86.8%
Births to girls aged 15-19 years ***	31.8	37.4
Low birth weight (under 2500 grams)	5.8%	6.1%
Very low birth weight (under 1500 grams)	1.0%	1.1%
Preterm births	9.1%	10.6%
Fetal mortality ^	4.6	4.7
Infant mortality ^^	3.2	4.5

*Rates are number of live births per 1,000 females aged 15-44

** Rates are number of live births per 1,000 total population

***Rates for births per 1000 female population ages 15-19

^ Rates are number of fetal death per 1,000 live births plus fetal deaths

^^ Rates are number of deaths of infants under one of age per 1,000 live births

San Diego County 2002 Rates of Other Health Issues		
Health Issues	Rates	
	North Inland Region	All Regions
Overall AIDS cases*	6.0	15.0
Chlamydia among teens age 15-19**	744.2	1,272.6

**Crude rate per 100,000 population*

***Rates per 100,000 population ages 15 to 19 years*

San Diego County 2003 Percentages of Access to Health Care Issues		
Access Issues	Percentages	
	North Inland Region	All Regions
Medical insurance coverage (All adults)	85%	84%
Medical insurance coverage (Adults ages 19 to 64)	81%	81%
Medical insurance coverage (Children)	89%	89%
Dental insurance coverage (All adults)	63%	61%
Dental insurance coverage (Children)	75%	74%
Currently have primary care physician (Adult)	80%	79%
Currently have primary care physician (Children)	89%	86%
Currently have dental care provider (Adult)	76%	75%
Currently have dental care provider (Children)	78%	76%